

Fig. 1

Fig. 2a

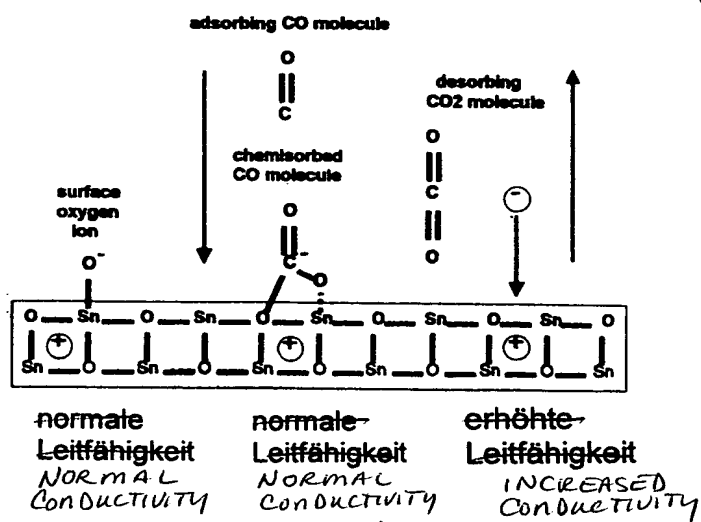
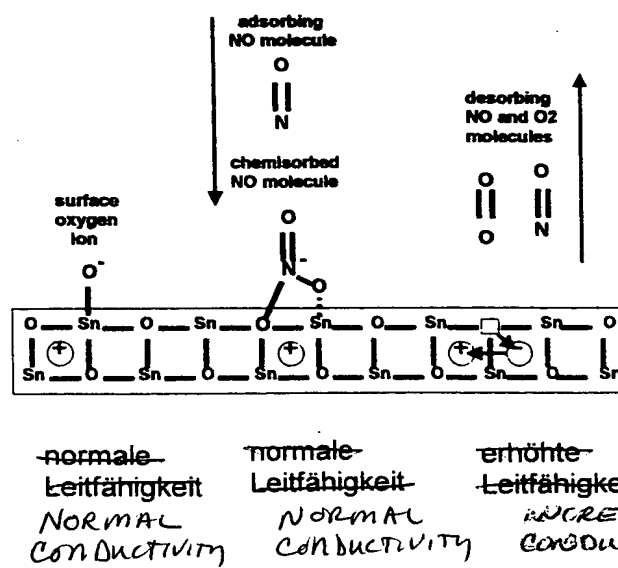


Fig. 2b



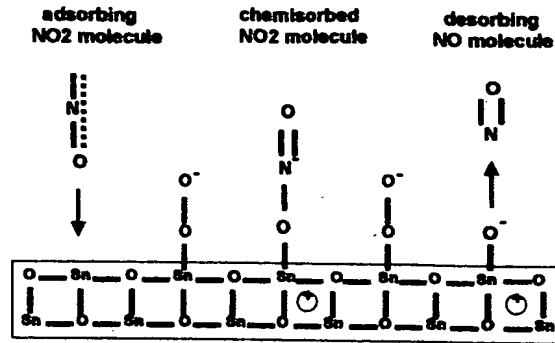


Fig. 3a

normale Leitfähigkeit      verminderte Leitfähigkeit      verminderte Leitfähigkeit  
 NORMAL CONDUCTIVITY      NORMAL CONDUCTIVITY      INCREASED CONDUCTIVITY

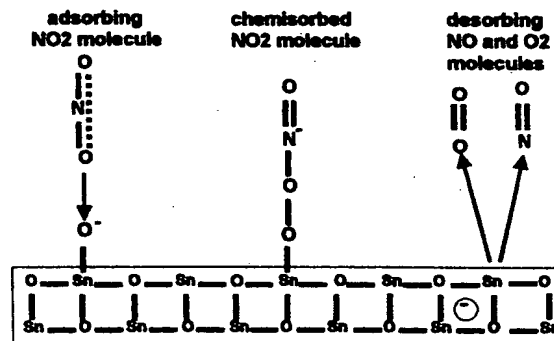
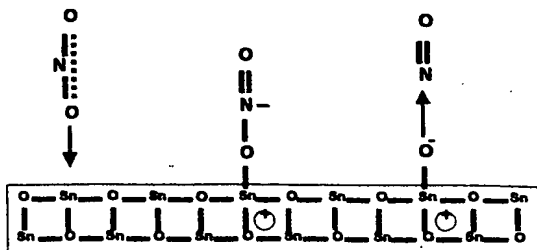


Fig. 3b

normale Leitfähigkeit      normale Leitfähigkeit      erhöhte Leitfähigkeit  
 NORMAL CONDUCTIVITY      NORMAL CONDUCTIVITY      INCREASED CONDUCTIVITY

adsorbing NO<sub>2</sub> molecule      chemisorbed NO<sub>2</sub> molecule      desorbing NO molecule

Fig. 3c



normale Leitfähigkeit      normale Leitfähigkeit      verminderte Leitfähigkeit  
 NORMAL CONDUCTIVITY      NORMAL CONDUCTIVITY      INCREASED CONDUCTIVITY

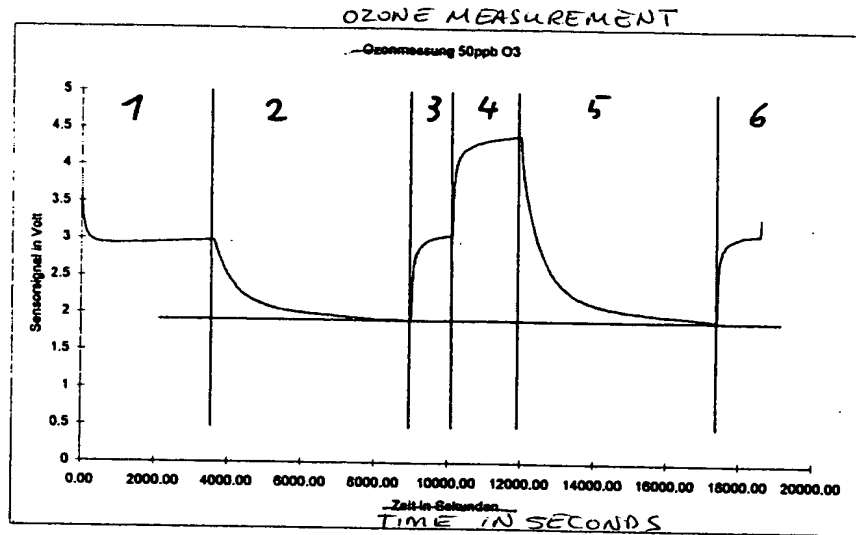


Fig. 4

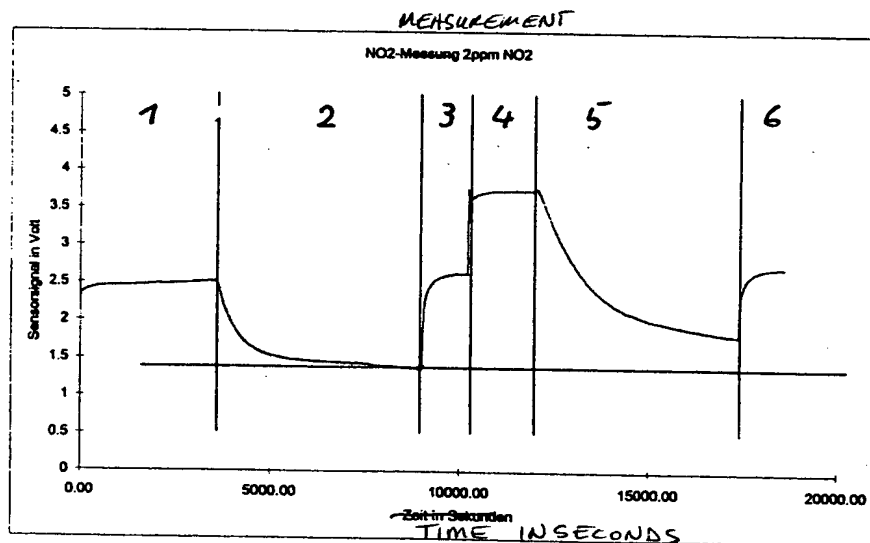


Fig. 5

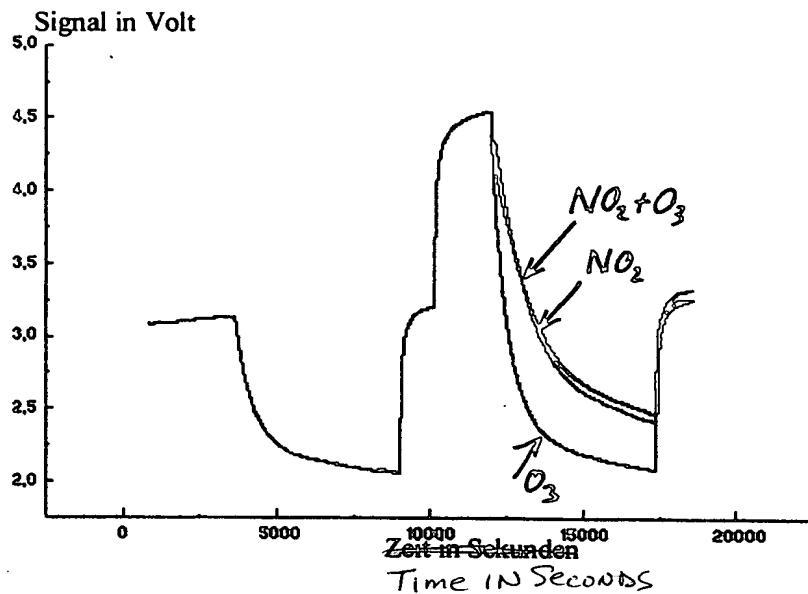


Fig. 6

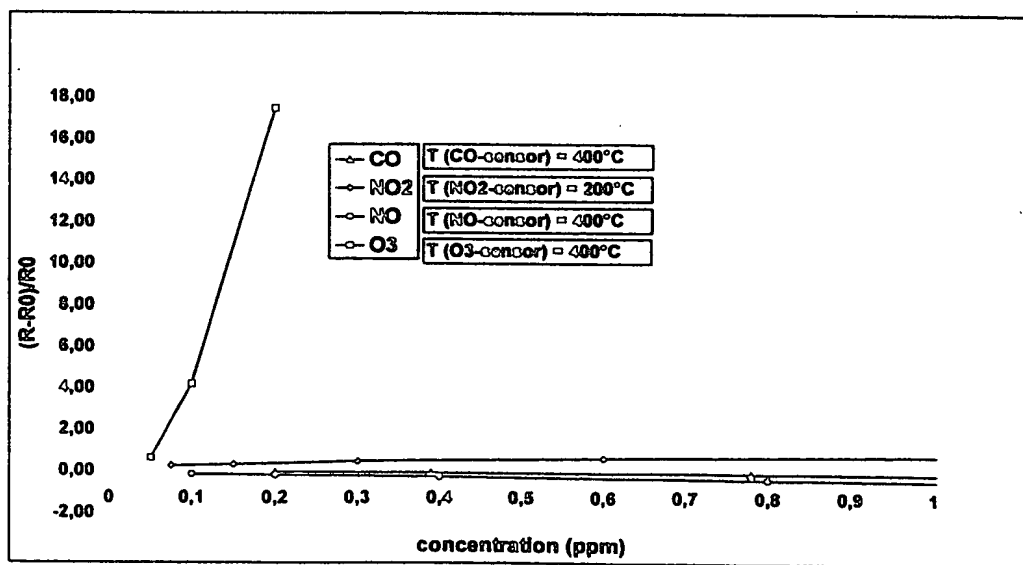


Fig. 7

09980122-040503

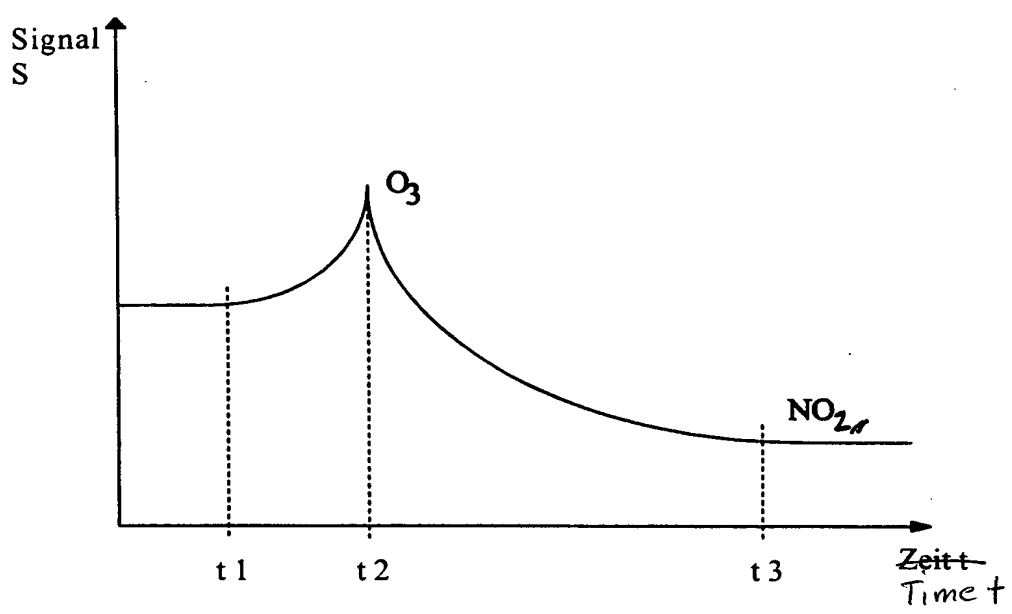


Fig. 8

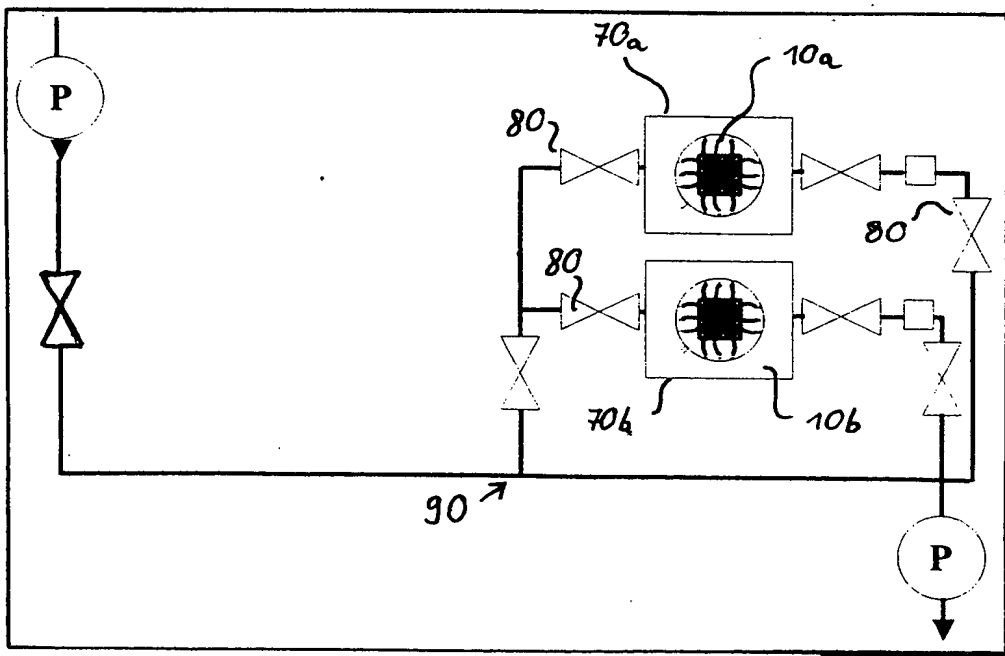


Fig. 9

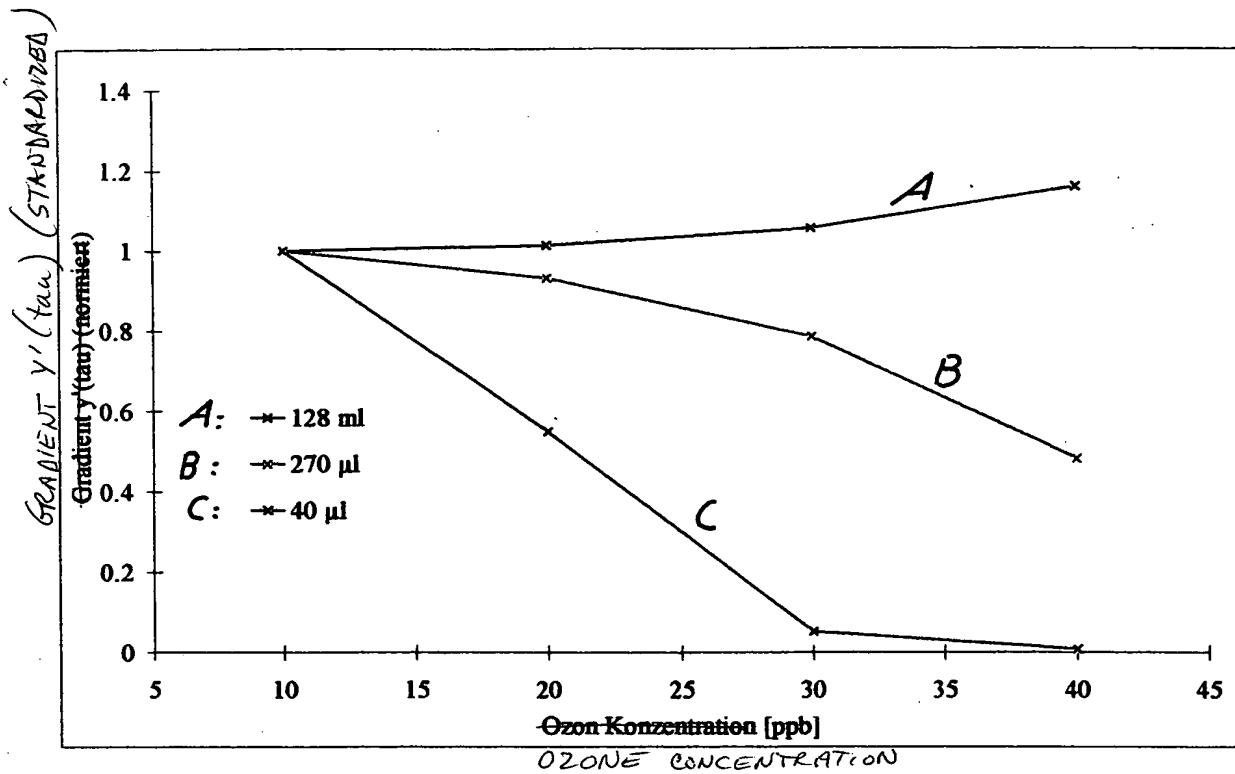


Fig. 10